BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Zone

Name of work :-Providing pothole filling at main and cross roads of ward no 04

Sl No	Description of item	Unit	No	L	B	D	Estimated Cost Rs. Qty	Rate	30.00 lakhs Amount
1	KSRRB 500-3: **Scarifying** existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100 m sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications. MORTH Chapter 5 (PWD SR 2015-16 P.N160 It 21.3)								
	For pot holes	sqm							
	Chikkabommasandra main and cross roads		25	2.00	1.50		75.00		
	Someshwara Nagara main and cross roads		25	2.50	2.00		125.00		
	Sharada Nagara Main and cros roads		21	2.50	1.20		63.00		
	A sector balance main and cross roads		25	2.00	1.60		80.00		
	B sector balance main and cross roads		20	2.50	1.80		90.00		
	Judicial Layout balance Main and cross roads		20	2.20	2.50		110.00		
	GKVK Layout		25	2.00	2.00		100.00		
	Kanakanagara main road		25	2.50	2.20		137.50		
	For road cuttings								
	A Sector								
	6th A cross		14	6.00	0.50		42.00		
	5th A cross		12	6.00	0.50		36.00		
	15th A main		11	5.00	0.50		27.50		
	5th A main		11	5.00	0.60		33.00		
	11th A cross		15	6.00	0.60		54.00		
	2nd A Main		11	5.00	0.60		33.00		
	12th A Cross		15	6.00	0.60		54.00		
	3rd A Main		14	5.00	0.60		42.00		
	5th A Main		11	5.00	0.60		33.00		
	2nd A Main		12	6.00	0.60		43.20		
	6th A Main		13	6.00	0.60		46.80		
	7th A Main		16	6.00	0.60		57.60		
	16th A Cross		11	5.00	0.60		33.00		
	8th A Main		15	5.50	0.60		49.50		
	14th A Cross		12	6.00	0.60		43.20		
	1st A Main		13	4.50	0.60		35.10		
	9th A Main		13	4.50	0.60		35.10		

	B Sector								
	3rd B cross		20	9.00	0.50		90.00		
	12th B Main		20	5.00	0.60		60.00		
	7th B Cross		20	5.00	0.65		65.00		
	8th B Main		11	4.50	0.60		29.70		
	1st B Main		20	4.50	0.50		45.00		
	3rd B Main		20	4.00	0.60		48.00		
	6th B cross		20	5.00	0.60		60.00		
	13th B Main		11	5.00	0.60		33.00		
	12th B Main		10	5.50	0.60		33.00		
	9th B Cross		20	7.00	0.60		84.00		
	10th B Cross		20	5.50	0.60		66.00		
	13th B cross		20	6.00	0.60		72.00		
	11th B cross		25	6.00	0.60		90.00		
	9th B Main		20	6.00	0.60		72.00		
	8th B Main		20	5.50	0.60		66.00		
	14th B Cross		20	6.00	0.60		72.00		
	1st B Main		16	6.00	0.60		57.60		
	10th B Cross		25	5.50	0.60		82.50		
	5th B Main		13	6.00	0.60		46.80		
	13th B cross		20	5.50	0.60		66.00		
	11th B cross		25	6.00	0.60		90.00		
	Judicial Layout								
	Railway Parllel road		20	5.50	0.50		55.00		
	3rd cross		22	6.50	0.60		85.80		
	1st A Main		25	6.00	0.60		90.00		
	2nd main		26	6.00	0.50		78.00		
	3rd main		12	6.00	0.60		43.20		
	4th main		13	6.00	0.60		46.80		
	5th main		20	5.00	0.65		65.00		
	6th main		14	6.00	0.60		50.40		
	6th cross		12	5.00	0.60		36.00		
	7th cross		25	6.00	0.60		90.00		
	7th main		13	6.00	0.60		46.80		
	9th main		25	6.00	0.60		90.00		
	15th A cross		14	6.50	0.50		45.50		
	16th cross		20	6.00	0.60		72.00		
	17th cross		25	6.00	0.60		90.00		
	18th cross		13	6.50	0.60		50.70		
	16th main		12	6.00	0.60		43.20		
	19th main		25	6.00	0.60		90.00		
	20th main		12	6.50	0.60		46.80		
	21st cross		25	6.00	0.60		90.00		
	23rd cross		15	6.00	0.60		54.00		
	24th cross		12	6.50	0.60		46.80		
	26th cross		25	6.00	0.60		90.00		
	27th cross		20	6.00	0.60		72.00		
	22nd main		13	6.50	0.65		54.93		
	23rd main		12	6.00	0.65		46.80		
	24th main		20	6.00	0.60		72.00		

	25th main		15	6.00	0.65		58.50		
	28th cross		20	6.00	0.50		60.00		
	29th cross		10	6.00	0.60		36.00		
							4703.33		
	Deduct existing potholes			qty= 30%			1411.00		
							3292.33	**88.56**	**291569.00**
	Basic Rate	82.00							
	Area Weightage 8%	6.56							
	Total	**88.56**							
2	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2015-16 P.No.157 It 20.18)								
		cum							
	Chikkabommasandra main and cross roads		25	2.00	1.50	0.12	9.00		
	Someshwara Nagara main and cross roads		25	2.50	2.00	0.12	15.00		
	Sharada Nagara Main and cros roads		21	2.50	1.20	0.12	7.56		
	A sector balance main and cross roads		25	2.00	1.60	0.12	9.60		
	B sector balance main and cross roads		20	2.50	1.80	0.12	10.80		
	Judicial Layout balance Main and cross roads		20	2.20	2.50	0.12	13.20		
	GKVK Layout		25	2.00	2.00	0.12	12.00		
	Kanakanagara main road		25	2.50	2.20	0.12	16.50		
	For road cuttings								
	A Sector								
	6th A cross		14	6.00	0.50	0.12	5.04		
	5th A cross		12	6.00	0.50	0.12	4.32		
	15th A main		11	5.00	0.50	0.12	3.30		
	5th A main		11	5.00	0.60	0.12	3.96		
	11th A cross		15	6.00	0.60	0.12	6.48		
	2nd A Main		11	5.00	0.60	0.12	3.96		
	12th A Cross		15	6.00	0.60	0.12	6.48		
	3rd A Main		14	5.00	0.60	0.12	5.04		
	5th A Main		11	5.00	0.60	0.12	3.96		
	2nd A Main		12	6.00	0.60	0.12	5.18		
	6th A Main		13	6.00	0.60	0.12	5.62		
	7th A Main		16	6.00	0.60	0.12	6.91		
	16th A Cross		11	5.00	0.60	0.12	3.96		
	8th A Main		15	5.50	0.60	0.12	5.94		
	14th A Cross		12	6.00	0.60	0.12	5.18		
	1st A Main		13	4.50	0.60	0.12	4.21		

9th A Main		13	4.50	0.60	0.12	4.21		
B Sector								
3rd B cross		20	9.00	0.50	0.12	10.80		
12th B Main		20	5.00	0.60	0.12	7.20		
7th B Cross		20	5.00	0.65	0.12	7.80		
8th B Main		11	4.50	0.60	0.12	3.56		
1st B Main		20	4.50	0.50	0.12	5.40		
3rd B Main		20	4.00	0.60	0.12	5.76		
6th B cross		20	5.00	0.60	0.12	7.20		
13th B Main		11	5.00	0.60	0.12	3.96		
12th B Main		10	5.50	0.60	0.12	3.96		
9th B Cross		20	7.00	0.60	0.12	10.08		
10th B Cross		20	5.50	0.60	0.12	7.92		
13th B cross		20	6.00	0.60	0.12	8.64		
11th B cross		25	6.00	0.60	0.12	10.80		
9th B Main		20	6.00	0.60	0.12	8.64		
8th B Main		20	5.50	0.60	0.12	7.92		
14th B Cross		20	6.00	0.60	0.12	8.64		
1st B Main		16	6.00	0.60	0.12	6.91		
10th B Cross		25	5.50	0.60	0.12	9.90		
5th B Main		13	6.00	0.60	0.12	5.62		
13th B cross		20	5.50	0.60	0.12	7.92		
11th B cross		25	6.00	0.60	0.12	10.80		
Judicial Layout								
Railway Parllel road		20	5.50	0.50	0.12	6.60		
3rd cross		22	6.50	0.60	0.12	10.30		
1st A Main		25	6.00	0.60	0.12	10.80		
2nd main		26	6.00	0.50	0.12	9.36		
3rd main		12	6.00	0.60	0.12	5.18		
4th main		13	6.00	0.60	0.12	5.62		
5th main		20	5.00	0.65	0.12	7.80		
6th main		14	6.00	0.60	0.12	6.05		
6th cross		12	5.00	0.60	0.12	4.32		
7th cross		25	6.00	0.60	0.12	10.80		
7th main		13	6.00	0.60	0.12	5.62		
9th main		25	6.00	0.60	0.12	10.80		
15th A cross		14	6.50	0.50	0.12	5.46		
16th cross		20	6.00	0.60	0.12	8.64		
17th cross		25	6.00	0.60	0.12	10.80		
18th cross		13	6.50	0.60	0.12	6.08		
16th main		12	6.00	0.60	0.12	5.18		
19th main		25	6.00	0.60	0.12	10.80		
20th main		12	6.50	0.60	0.12	5.62		
21st cross		25	6.00	0.60	0.12	10.80		
23rd cross		15	6.00	0.60	0.12	6.48		
24th cross		12	6.50	0.60	0.12	5.62		
26th cross		25	6.00	0.60	0.12	10.80		
27th cross		20	6.00	0.60	0.12	8.64		
22nd main		13	6.50	0.65	0.12	6.59		
23rd main		12	6.00	0.65	0.12	5.62		

	24th main		20	6.00	0.60	0.12	8.64		
	25th main		15	6.00	0.65	0.12	7.02		
	28th cross		20	6.00	0.50	0.12	7.20		
	29th cross		10	6.00	0.60	0.12	4.32		
	Basic Rate	1587.00					**564.40**	**1713.96**	**967357.00**
	Area Weightage 8%	126.96							
	Total	**1713.96**							
3	KSRRB 3000: **Filling pot holes & patch repairs with bituminous concrete 40mm.** KSRRB M3000-5: Removal of all failed materials, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides & base of excavation as per Clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continous surface, all as per clause 3004.2 complete as per specifications Morth Specification No 3004.2 (PWD SR 2015-16 P.N 250 It 35.5)								
	For pot holes	Sqm							
	Chikkabommasandra main and cross roads		25	2.00	1.50		75.00		
	Someshwara Nagara main and cross roads		25	2.50	2.00		125.00		
	Sharada Nagara Main and cros roads		21	2.50	1.20		63.00		
	A sector balance main and cross roads		25	2.00	1.60		80.00		
	B sector balance main and cross roads		20	2.50	1.80		90.00		
	Judicial Layout balance Main and cross roads		20	2.20	2.50		110.00		
	GKVK Layout		25	2.00	2.00		100.00		
	Kanakanagara main road		25	2.50	2.20		137.50		
	For road cuttings						0.00		
	A Sector						0.00		
	6th A cross		14	6.00	0.50		42.00		
	5th A cross		12	6.00	0.50		36.00		
	15th A main		11	5.00	0.50		27.50		
	5th A main		11	5.00	0.60		33.00		
	11th A cross		15	6.00	0.60		54.00		
	2nd A Main		11	5.00	0.60		33.00		
	12th A Cross		15	6.00	0.60		54.00		
	3rd A Main		14	5.00	0.60		42.00		
	5th A Main		11	5.00	0.60		33.00		
	2nd A Main		12	6.00	0.60		43.20		
	6th A Main		13	6.00	0.60		46.80		
	7th A Main		16	6.00	0.60		57.60		
	16th A Cross		11	5.00	0.60		33.00		
	8th A Main		15	5.50	0.60		49.50		
	14th A Cross		12	6.00	0.60		43.20		
	1st A Main		13	4.50	0.60		35.10		

	9th A Main		13	4.50	0.60		35.10	
	B Sector						0.00	
	3rd B cross		20	9.00	0.50		90.00	
	12th B Main		20	5.00	0.60		60.00	
	7th B Cross		20	5.00	0.65		65.00	
	8th B Main		11	4.50	0.60		29.70	
	1st B Main		20	4.50	0.50		45.00	
	3rd B Main		20	4.00	0.60		48.00	
	6th B cross		20	5.00	0.60		60.00	
	13th B Main		11	5.00	0.60		33.00	
	12th B Main		10	5.50	0.60		33.00	
	9th B Cross		20	7.00	0.60		84.00	
	10th B Cross		20	5.50	0.60		66.00	
	13th B cross		20	6.00	0.60		72.00	
	11th B cross		25	6.00	0.60		90.00	
	9th B Main		20	6.00	0.60		72.00	
	8th B Main		20	5.50	0.60		66.00	
	14th B Cross		20	6.00	0.60		72.00	
	1st B Main		16	6.00	0.60		57.60	
	10th B Cross		25	5.50	0.60		82.50	
	5th B Main		13	6.00	0.60		46.80	
	13th B cross		20	5.50	0.60		66.00	
	11th B cross		25	6.00	0.60		90.00	
	Judicial Layout							
	Railway Parllel road		20	5.50	0.50		55.00	
	3rd cross		22	6.50	0.60		85.80	
	1st A Main		25	6.00	0.60		90.00	
	2nd main		26	6.00	0.50		78.00	
	3rd main		12	6.00	0.60		43.20	
	4th main		13	6.00	0.60		46.80	
	5th main		20	5.00	0.65		65.00	
	6th main		14	6.00	0.60		50.40	
	6th cross		12	5.00	0.60		36.00	
	7th cross		25	6.00	0.60		90.00	
	7th main		13	6.00	0.60		46.80	
	9th main		25	6.00	0.60		90.00	
	15th A cross		14	6.50	0.50		45.50	
	16th cross		20	6.00	0.60		72.00	
	17th cross		25	6.00	0.60		90.00	
	18th cross		13	6.50	0.60		50.70	
	16th main		12	6.00	0.60		43.20	
	19th main		25	6.00	0.60		90.00	
	20th main		12	6.50	0.60		46.80	
	21st cross		25	6.00	0.60		90.00	
	23rd cross		15	6.00	0.60		54.00	
	24th cross		12	6.50	0.60		46.80	
	26th cross		25	6.00	0.60		90.00	
	27th cross		20	6.00	0.60		72.00	
	22nd main		13	6.50	0.65		54.93	
	23rd main		12	6.00	0.65		46.80	

	24th main		20	6.00	0.60		72.00		
	25th main		15	6.00	0.65		58.50		
	28th cross		20	6.00	0.50		60.00		
	29th cross		9	6.00	0.60		32.40		
							4699.73	370.44	1740966.00
	Basic Rate	343.00							
	Area Weightage 8%	27.44							
	Total	370.44							
4	Miscellaneous and unforeseen charges								
									108.00
							TOTAL Rs		3000000.00
	(Rs Thirty lakhs only)								

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2015-16
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bnagalore

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Administrative Approval
Accorded For 30.00 lakh Rs.
Head of A/C P 1771
CER NO : 158 Dt:. 12.01.17

TA CE (YNK)

Technical Sanction
Accorded For 30.00 lakh Rs.
Head of A/C 1771
CER NO : 125.B Dt:. 12.01.17

TA CE (YNK)